

Yellowstone Pipeline
3180 Hwy 12 E
Helena MT 59601

RE: Authorization No. MT-008-00 Short-Term Water Quality Standard for Turbidity Related to Construction Activity Pursuant to 75-5-318, MCA VALID April 1, 2000 through April 15, 2000 and September 7, 2000 through October 7, 2000 at flows not to exceed 1,500 cubic feet per second.

Dear Applicant:

The Montana Department of Environmental Quality Water Protection Bureau has completed our review of your application for activity on Clark Fork River (Turah Crossing), in Missoula County. This activity herewith is qualified for a temporary surface water quality turbidity standard if it is carried out in accordance with the following conditions:

- (1) Construction activities in or near the watercourse are to be limited to the minimum area necessary, and conducted so as to minimize increases in suspended solids and turbidity which may degrade water quality and damage aquatic life outside the immediate area of operation,
- (2) The use of machinery in the watercourse shall be avoided unless absolutely necessary. To prevent leaks of petroleum products into waterways, no defective equipment shall be operated in the watercourse or adjacent areas capable of contributing surface flow to the watercourse,
- (3) Precautions shall be taken to prevent spillage of any petroleum products, chemicals or other deleterious material in or near the watercourse, and no equipment shall be fueled or serviced in adjacent areas capable of contributing surface flow to the watercourse,
- (4) All disturbed areas on the streambank and adjacent areas created by the construction activity shall be protected with temporary erosion control during construction activities. These areas shall be reclaimed with appropriate erosion control measures and revegetated to provide long-term erosion control,
- (5) Any excess material generated from this project must be disposed of above the ordinary high water mark, not classified as a wetland, and in a position not to cause pollution to State waters, limited trench/spoil material may be temporarily placed in state waters if the transport of the material to an upland position is not practicable or the transport activity results in increased turbidity.
- (6) Clearing of vegetation will be limited to that which is absolutely necessary for construction of the project,

- (7) The use of asphalt or petroleum-based products as riprap is strictly prohibited. Its use as fill material is also prohibited if it is placed in a location where it is likely to cause pollution of State waters,
- (8) Water quality sampling will be required during construction with parameters and locations as directed by DEQ.
- (9) This authorization does not authorize a point source surface water discharge. A MPDES permit is required for said discharge, and
- (10) The applicant must conduct all activities in full and complete compliance with all terms and conditions of any permit for this activity issued pursuant to the Montana Natural Streambed and Land Preservation Act (310 permit) or the Montana Stream Protection Act (124 permit), and any valid Memorandum of Agreement and Authorization (MAA) negotiated for this activity.
- (11) Two trackhoe excavators will work from the middle of the river toward the opposite banks, reducing the time equipment will be in the river.
- (12) The pipe will be pulled across the river from the opposite bank, eliminating equipment from the river when the pipe is laid in the trench.
- (13) The pipe used in the river crossing will be coated with concrete to protect it from damage and reduce buoyancy. The pipe will have a three-layer coating throughout for additional mechanical protection: fusion-bond epoxy, adhesive, and high-density polyurethane. Beyond the river crossing, where the pipe is not concrete-coated, the trench will contain padding to protect the pipe from rocks. Cathodic protection will be provided to prevent corrosion. All welds will be x-rayed.
- (14) Work will be confined to the construction right-of-way and additional temporary workspace.
- (15) Staging areas will be sited away from the river.
- (16) Hard plugs will be maintained at the banks until just prior to installing the pipe.
- (17) Disturbance to approach slopes and banks will be minimized.
- (18) Erosion and sediment control devices will be installed to prevent the flow of topsoil or ditch spoil into the river in accordance with Best Management Practices from storm water runoff. Disturbed areas will be revegetated.
- (19) Existing streamflow will be maintained at all times.
- (20) Bottom contours will be reestablished after pipe installation.
- (21) Final scheduling of the work will be made in consultation with DEQ, at least two (2) weeks prior to starting work, and will include consideration of other disturbances that might be occurring upstream at the time, weather conditions, and snow melt runoff.

March 15, 2000

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This authorization is valid for the period April 1, 2000 through April 15, 2000 and September 7, 2000 through October 7, 2000 at flows not to exceed 1,500 cubic feet per second. No authorization is valid for more than a one-year period of time.

Any violations of the conditions of this authorization may be subject to an enforcement action pursuant to the applicable provisions of the Montana Water Quality Act.

This authorization is granted pursuant to 75-5-318, MCA, and only applies to the activity described by your application. Any modification of the activity described in your application, which may result in additional turbidity in the stream, must receive prior approval from the Department. You may contact me at (406) 444-4626.

Sincerely,

Jeff Ryan
Water Quality Specialist
Water Protection Bureau
e-mail jeryan@state.mt.us